



State of Illinois

ENVIRONMENTAL PROTECTION AGENCY

42897

ary A. Gade, Director

2200 Churchill Road, Springfield, IL 62794-9276

DEC 14 1995

217/782-6761

12901 JAN 10 1996

CERTIFIED MAIL

Z 363 765 306

copy Z 363 765 476

Wierman Oil Company
Attn.: John Wierman
2000 Harrison Avenue
Rockford, Illinois 61104

Re: LPC # 2010306022 -- Winnebago County
Rockford -- Wierman Oil Company
2000 Harrison Avenue
LUST Incident No. 951090
LUST Tech File

Dear Mr. Wierman:

The Agency has reviewed the 45 Day Report/Corrective Action Plan for the referenced release. The report and plan were dated August 16, 1995, and were received by the Agency on August 17, 1995. Citations in this letter are from the Illinois Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 IAC).

Based on the Agency's review, it appears that the 45 day reporting requirements of 35 IAC Section 732.202(d) or 731.163(a) have been satisfied. However, pursuant to 35 IAC Section 732.202(e) or 731.163(b), information collected in compliance with 35 IAC 732.202(d) or 732.163(a) must be submitted within 45 days after confirmation of a release of petroleum from an UST system. The report submitted was not submitted within 45 days of release confirmation; therefore, the Agency is hereby informing the owner and/or operator that the owner and/or operator is in apparent violation of 35 IAC Section 732.202(e) or 731.163(b).

A corrective action plan was included in the 45 Day Report. The plan is denied pursuant to 35 Illinois Administrative Code (IAC) Section 732.405(c) and Section 57.7(c)(4)(D) of the Illinois Environmental Protection Act (Act), for the following reason(s):

The activities listed in the Corrective Action Plan are not early action activities, they are corrective action. An adequate 45 Day Report indicating that early action is complete was received by the Agency on August 17, 1995. Therefore, the activities listed in the corrective action plan are corrective action activities, not early action activities. (Sections 57.7(a)(1)(B)

and 35 IAC Sections 732.202). Costs associated with these activities exceed the minimum requirements necessary to comply with the Act and 35 IAC Part 732 (Section 57.5(a) of the Act and 35 IAC Sections 732.505(c) and 732.606(o).

A Site Classification Completion Report has not been submitted pursuant to 35 IAC 732.305(a) and Section 57.7(a) of the Act, indicating the site classification for the above referenced site. Pursuant to Section 57.7(c)(4)(C) of the Act, without a site classification the Agency cannot determine if the minimum requirements needed to comply with 35 IAC Part 732 and Title XVI of the Act have been exceeded. Further it cannot be determined whether the activities are corrective action. Corrective action means an activity associated with compliance with the provisions of Section 57.6 and 57.7 of the Act (Section 57.2 of the Act and 35 IAC Section 732.103).

In addition, pursuant to 35 IAC Section 732.300(b)(1) an owner or operator may choose to remediate soil and groundwater in accordance with the remediation objectives in 35 IAC Section 732.408 without conducting a site classification. It should be noted that if site characterization is not conducted in accordance with the procedures established in 35 IAC Part 732 and Title XVI of the Act, the owner or operator may not be entitled to full payment or reimbursement if a request for reimbursement from the UST Fund is submitted.

For purposes of appeal, this constitutes the Agency's final decision regarding this matter. Please see Appendix 1 for an owner or operator's appeal rights.


Should you have any questions, please contact Becky Lockart at 217/782-6761.

Sincerely,



Clifford Wheeler, Manager
Southern Unit
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

BL:d13:951090a


Appendices: 1

bcc: Cliff Wheeler
Becky Lockart
Rockford
Division

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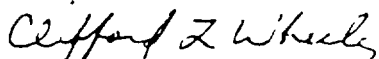
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In addition, pursuant to 35 IAC Section 732.300(b)(1) an owner or operator may choose to remediate soil and groundwater in accordance with the remediation objectives in 35 IAC Section 732.408 without conducting a site classification. It should be noted that if site characterization is not conducted in accordance with the procedures established in 35 IAC Part 732 and Title XVI of the Act, the owner or operator may not be entitled to full payment or reimbursement if a request for reimbursement from the UST Fund is submitted.

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Should you have any questions, please contact Becky Lockart at 217/782-6761.

Sincerely,



Clifford Wheeler, Manager
Southern Unit
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

BL:d13:951090a


Appendices: 1

bcc: Cliff Wheeler
Becky Lockart
Rockford
Division

August 14, 1995

Mr. John Wierman, President
Wierman Oil Company
2000 Harrison Avenue
Rockford, IL 61104

Re: 45-Day Report

Dear Mr. Wierman:

Enclosed with this letter are four copies of the 45-Day Report for your facility. Please review the report for completeness and accuracy. If it meets your approval, please sign all four copies in the designated location and return three copies to me for distribution to the Agency and retain one copy for your files. For your convenience a return envelope is enclosed.

If you have any questions, please do not hesitate to contact myself or Todd Weegens at this office.

Sincerely,



Gina I. Flanagan
Environmental Specialist

GIF:cz

I:\WPFILES\LETTER\V35229A.45D

Enclosure

CERTIFIED MAIL NO. P-010 492 153
RETURN RECEIPT REQUESTED

August 16, 1995

Mr. Douglas Clay, Manager
Leaking Underground Storage Tank Unit
Division of Land Pollution Control
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62794-9276

Re: 45 Day Report
Wierman Oil Company - IEMA No. 95-1090
2000 Harrison Avenue
Rockford, IL/Winnebago County

Attn: Technical Reviewer

Dear Mr. Clay:

On behalf of Wierman Oil Company, please find enclosed in duplicate the 45 Day Report required by the Agency. Since we have been retained by this company, we would appreciate in the future that our office receive copies of any correspondence that is made to the above mentioned company.

If you have any questions or comments regarding this information, please do not hesitate to contact myself or Mr. Todd Weegens at this office.

Sincerely,



Gina I. Flanagan
Environmental Specialist

GIF:cz

I:\WPFILES\LETTER\V35229A1.45D

Enclosure

cc: Mr. John Wierman, Wierman Oil Co.

Underground Storage Tank Owner/Operator:

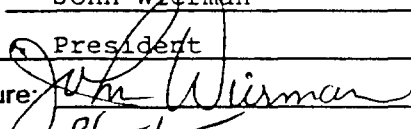
Please indicate below the type of plan/report that is being submitted to the Agency at this time. This form must be attached to all plans and reports submitted to the Agency pursuant to 35 ILL. ADM. CODE 732 and 415 ILCS 5/57-57.17. Please check all that apply.

20 Day Certification	_____	_____
45 Day Report	_____ X _____	_____
Free Product Removal Report	_____	_____

	Initial Submittal	Amended Submittal
Site Classification Plan	_____	_____
Site Classification Plan Budget	_____	_____
Groundwater Monitoring Plan (low priority)	_____	_____
Groundwater Monitoring Plan Budget	_____	_____
Corrective Action Plan (high priority)	_____	_____
Corrective Action Plan Budget	_____	_____
Site Classification Completion Report	_____	_____
Groundwater Monitoring Results (low priority) /Sampling Event #	_____ / _____	_____
Professional Engineer Certification (low priority)	_____	_____
Corrective Action Completion Report (high priority)	_____	_____
Professional Engineer Certification (high priority)	_____	_____
Corrective Action Completion Report (pursuant to 35 IAC 732.300(b) or 732.400(c))	_____	_____
Request for site-specific objectives	_____	_____
Other (specify) :	Alternative Technology - Land Treatment	

I certify under penalty of law that this document was prepared by me or under my direction or supervision. This information is to the best of my belief and knowledge, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine for knowing violations.

Owner

Name: John Wiernman
 Title: President
 Signature: 
 Date: 8/15/15

Operator

Name: _____
 Title: _____
 Signature: _____
 Date: _____

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57.17). Disclosure of this information is required. Failure to do so may result in a civil penalty not to exceed \$50,000 for the violation and an additional civil penalty not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Printed on Recycled Paper

Illinois Environmental Protection Agency Leaking Underground Storage Tank Program 45 Day Report

A. Site Identification

IEMA Incident # (6 digit): 95-1090 IEPA Generator # (10 digit): _____
Site Name: Wierman Oil Company
Site Address (Not a P.O. Box): 2000 Harrison Avenue
City: Rockford County: Winnebago

B. Release Information

1. Indicate the material(s) released: Diesel Fuel
2. The material released was (check all that apply):
 - a. Petroleum X
 - b. Nonpetroleum _____
3. Is there information included herewith (beyond what is required in the 45 Day Report) that is intended to demonstrate no further remediation to be necessary (with or without a request for Site Specific Objectives)? Yes _____ No X

C. Early Action

1. What was the volume (in cubic yards) of backfill material and/or native soil removed? -0-
(if any backfill material and/or native soil was removed and disposed of off-site attach a legible copy of the manifest(s)).
2. Was groundwater encountered at the site? Yes _____ No X
If Yes, was any groundwater removed or discharged from the site? Yes _____ No _____ (N/A)
If Yes, what was the volume removed from the site? _____
Include a legible copy of the manifest(s)) or permits.
3. Was free product encountered? Yes _____ No X
If Yes, the owner/operator must submit a free product removal report within 45 days of reporting the release.

D. Site Information

1. Data on the nature and estimated quantity of the release.
2. Data from available sources or site investigations concerning the following factors:
 - a. Surrounding populations,
 - b. Water quality,
 - c. Use and approximate locations of wells potentially affected by the release,
 - d. Subsurface soil conditions,
 - e. Climatological conditions,
 - f. Land use.

3. A discussion of what was done to measure for the presence of a release where contamination was most likely to be present at the UST site.
4. Results of the free product investigations.
5. A discussion of the action taken to prevent further release of the regulated substance into the environment.
6. A discussion of the action taken to mitigate fire and safety hazards posed by vapors or free product that has migrated from the UST excavation zone and entered subsurface structures.
7. Any other information collected while performing initial abatement measures pursuant to 35 Ill. Adm. Code Section 732.162 or 732.202(b).

E. Supporting Documentation

1. Site and area maps (at a minimum should contain).
 - a. Site map to scale and oriented north showing:
 - i. UST(s) system(s) and excavation,
 - ii. Product and dispenser lines,
 - iii. Pump and islands,
 - iv. Underground utilities (sewer, gas, water, etc.),
 - v. Nearby structures (buildings, roads, etc.)
 - vi. Soil boring(s) (if present),
 - vii. Monitoring well(s) and/or sumps (if present),
 - viii. Property boundaries;
 - b. A cross section, to scale, with dimensions showing the UST(s) and the excavation; and
 - c. An area map showing the site in relation to surrounding properties. This map should identify the facilities on the surrounding properties.
2. UST(s) information (which must be in a tabular format and at a minimum should include):
 - a. total number of UST(s) on site,
 - b. the volume of the UST(s) (in gallons),
 - c. the material stored in the UST(s),
 - d. identification of UST system(s) that had a release,
 - e. identification of UST system(s) that were repaired, removed, or abandoned-in-place,
 - f. a copy of the Office of the State Fire Marshal Permit for Removal, Abandonment-in-Place or other OSFM permits or notifications.
3. Provide a narrative of tank removal and cleaning operations; describe how wastes generated during the tank removal were managed, treated, and disposed.
4. Photographs.

F. Signatures

I certify under penalty of law that this report, supporting documents and all attachments were prepared under my direction or supervision. To the best of my knowledge and belief, this report, supporting documents and all attachments are true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Owner

Name: John Wierman
Title: President
Address: 2000 Harrison Avenue
Rockford, IL 61104
Phone: (815) 226-1185
Signature: _____
Date: _____

Operator

Name: Same
Title: _____
Address: _____
Phone: _____
Signature: _____
Date: _____

Consultant

Firm: Fehr-Graham & Associates
Contact: R. Todd Weegens, P.E.
Title: Partner
Address: 1920 Daimler Road
Rockford, IL 61112
Phone: (815) 394-4700
Signature: _____
Date: _____

45 DAY REPORT

SECTION D - SITE INFORMATION

1. The activities associated with a release at this site were initiated as a result of visual observations of spills and/or overfills in connection with the diesel fuel UST system. The release was reported on May 22, 1995 and assigned the incident number 951090 by Illinois Emergency Management Agency. The quantity of the release is unknown; however, there is no apparent indication that a major release has occurred.
2. Wierman Oil Company is located in southeast Rockford at the address of 2000 Harrison Avenue (See Exhibit 1, Site Location Map). The City of Rockford is located in the southeast part of Winnebago County, and has an approximate population of 140,000. The potable water supply is provided primarily by a distribution system operated by the City of Rockford Water Department. The nearest surface water to the site is the Rock River, which is located approximately one and three quarter miles due east.

Information obtained from the Illinois State Water Survey indicated the presence of multiple private non-municipal wells. In addition the PICS database (Public-Industrial-Commercial) also indicated one large industrial well and two public wells located within 2,500 feet of the former excavation. The closest well, as taken from the Illinois State Water Survey listings, appears to be within one-eighth of a mile and south of the site. Information

has also been requested, but not yet received, for the Illinois Geological Survey regarding well locations and records. The data from these surveys will be relied upon during site classification activities to identify any potential impacts to groundwater quality.

The Wierman Oil Company site overlies soils which have been classified as Urban Land by the U.S. Soil Conservation Service. Urban Land consists of areas which are significantly covered by buildings, pavement and other developed surfaces. The surface soils in this area have been altered by cuts and fills during development; therefore, identification of the surface soil types is not practical.

Comparing the approximate site location to the Berg Circular, a site classification of D1 geology can be found. This specific geology is described as uniform, relatively impermeable sandy till at least 20 feet thick with no evidence of interbedded sand and gravel.

Climatological conditions of the site are concurrent with normal conditions expected in northern Illinois. There are four distinct seasons with an average annual precipitation of 34 inches. The subject property is operated as a Gas Station, currently. The land usage of adjacent properties consist of a variety of commercial, industrial, and retail operations. Residential areas are located beyond the immediately adjacent properties in all directions.

3. As related to the release, site excavation activities were only conducted in the area of the diesel fuel dispenser island. All other excavation work at the site was conducted in areas outside that potentially affected by the release. A soil sample was collected approximately 4 feet below the diesel fuel pump island where surface staining had been observed. The sample was analyzed for BETX and PNA's, and the results reported no levels above the acceptable detection limits. The analytical results are included as Attachment 2 of this report.

To date, excavation and removal of the tank systems removed from service at this site has not been conducted. Some piping from these tank systems were removed during new UST system installation activities conducted at the site. As there was no evidence of a release from the piping associated with these systems, no sampling or analysis was conducted. Additional sampling and analysis is to be completed at the time that the tank systems, which are currently removed from service, are removed.

4. No free product was encountered during activities at the site; therefore, there was no remedial action conducted in relation to free product.

5. Prevention of further release was initiated by taking the UST system used for diesel fuel service. During the week of May 22, 1995, this UST was emptied of its' contents by TICS, Tank and Industrial Cleaning Service, Rockford, Illinois. During this same week, the fuel island and approximately eight feet of associated piping were removed by Pyramid Petroleum and Equipment Company, Rockford, Illinois. Refer to Exhibit 2 and 3, Site Layout Map and Excavation Cross Section respectively.

Since the other tank systems at this site were of relatively the same age and consisted of similar materials of construction, it was decided to remove all existing tank systems at the site from service. In order to accomplish the removal of all existing tank systems from service, new tank installations were concurrently being constructed to continue business operations. All products from within the existing tank systems were removed, and the tank systems remain vented until removal activities are conducted.

6. Fire and safety hazards were mitigated by taking all existing UST systems out of service. In addition, the diesel fuel pump island and a portion of the associated piping were removed.

45 DAY REPORT

SECTION E - SUPPORTING DOCUMENTATION

1. Maps depicting the Site Location, Site Layout, Excavation Cross-Section, and Well Locations are included as Exhibits 1-4, respectively, of this document.
2. UST(s) Information:

Tank #	Volume, gal.s	Material	Releases	Comments
1	10,000	Gasoline	unknown	out of service
2	4,000	Gasoline	unknown	out of service
3	6,000	Gasoline	unknown	out of service
4	1,000	Kerosene	unknown	out of service
5	1,500	Gasoline	unknown	out of service
6	6,000	Diesel	yes-piping	out of service
7	6,000	Diesel	no	new tank system
8	8,000	Gasoline	no	new tank system
9	12,000	Gasoline	no	new tank system
10	2,000	Gasoline	no	new tank system

Refer to Attachment 1 of this report for Office of the State Fire Marshal documentation.

3. A release was reported for this site on May 22, 1995. The release was based upon visual observations of spills and/or overfills associated with a diesel tank. Concurrent with this reporting, activities were commencing at Wierman Oil Company to take the existing UST systems out-of-service and install replacement systems for business operations. Four new UST systems were installed under OSFM permit number 0951-95INS.

To prevent any further potential release, the diesel UST was immediately taken out of service. The remaining product in the UST was removed by TICS, Tank and Industrial Cleaning Service, Rockford, Illinois. The fuel pump island that serviced the diesel tank was removed along with approximately eight feet of piping by Pyramid Petroleum Equipment Company, Rockford, Illinois. Pyramid Petroleum and Equipment personnel obtained a soil sample approximately 4 feet below the former location of the diesel fuel pump island. As discussed earlier in this report, the analytical results for BETX and PNA's revealed no compounds above the acceptable detection limits. To date, none of the existing UST systems which were removed from service have been removed. No wastes have been generated as a result of site activities conducted to date at this site.

It is anticipated that the diesel UST, and the other tanks (numbered 1 through 5 in the previous table), will be removed under an OSFM Permit to Remove in further site activities. Removal activities will include tank cleaning and disposal, as well as disposal of any other wastes generated as a

result of the removal activities. When tank removal and early action activities have been completed, a Site Classification Work Plan and Budget will be submitted to the Agency.

It is anticipated that contaminated soils may be encountered during the future UST removal activities. It is proposed to construct a landfarm at the subject site for any contaminated soils removed as part of early action activities. The landfarm would be located in the northern third section of the property, and would have a surface area capacity of approximately 3,150 square feet. An Alternative Technology supplemental form for Land Treatment has been completed and is included within this document.

We respectfully request a response from the Agency regarding the proposed landfarm technology, as discussed in this report, prior to commencement of any UST removal activities.

4. There is no photo documentation of site activities to date.

ALTERNATIVE TECHNOLOGY

LAND TREATMENT

The estimated maximum amount of contaminated soil to be removed under early action activities is approximately 700 cubic yards. This amount was determined by assuming that all UST excavations would involve contaminated soils. Additionally, the amount of contamination was based on the four foot rule for early action activities. By measuring approximate excavation areas from the site layout, see Exhibit 2, and accounting for the extra four foot in width, length, and depth, the amount of potentially contaminated soil under this assumption is 700 cubic yards.

There is no indication that groundwater would be encountered at this site; however, excavation activities would cease should groundwater be encountered during excavation activities. The areas to be excavated under early action are all easily accessible; therefore, methods for remediating contaminated soil that may not be accessible during early action is not anticipated. Refer to Exhibit 2, Site Layout.

The landfarm operation will be a one time batch of all contaminated soil taken out of the excavation(s). The landfarm will be operated during the hours of 8 a.m. to 5 p.m. and will be overseen by Mr. John Wierman, President of Wierman Oil Company.

The landfarm area will be located directly north of the service station building, as delineated on Exhibit 5, Landfarm Layout. Prior to any transfer of contaminated soils, five soil samples will be obtained to demonstrate that the underlying soils in the landfarm area are not contaminated. The area is anticipated to be 35 feet by 90 feet. A bulldozer will be used to level the soil out and will scrape soil from the ground surface to form a berm around the designated landfarm area. A synthetic liner will be placed in the bottom of the landfarm area and drape over the surrounding berm to prevent any downward migration of contaminants.

A backhoe will be used to move excavated contaminated soils into dump trucks which will in turn transfer the loads into the landfarm area. Once all contaminated soils are transferred to the landfarm, the anticipated depth is two and one-half to three feet. The actual depth is dependant upon the extent of contamination encountered, but will not exceed 6 feet. It is estimated that the excavation and landfarm construction will require one bulldozer, one backhoe, and two dump trucks.

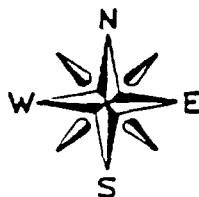
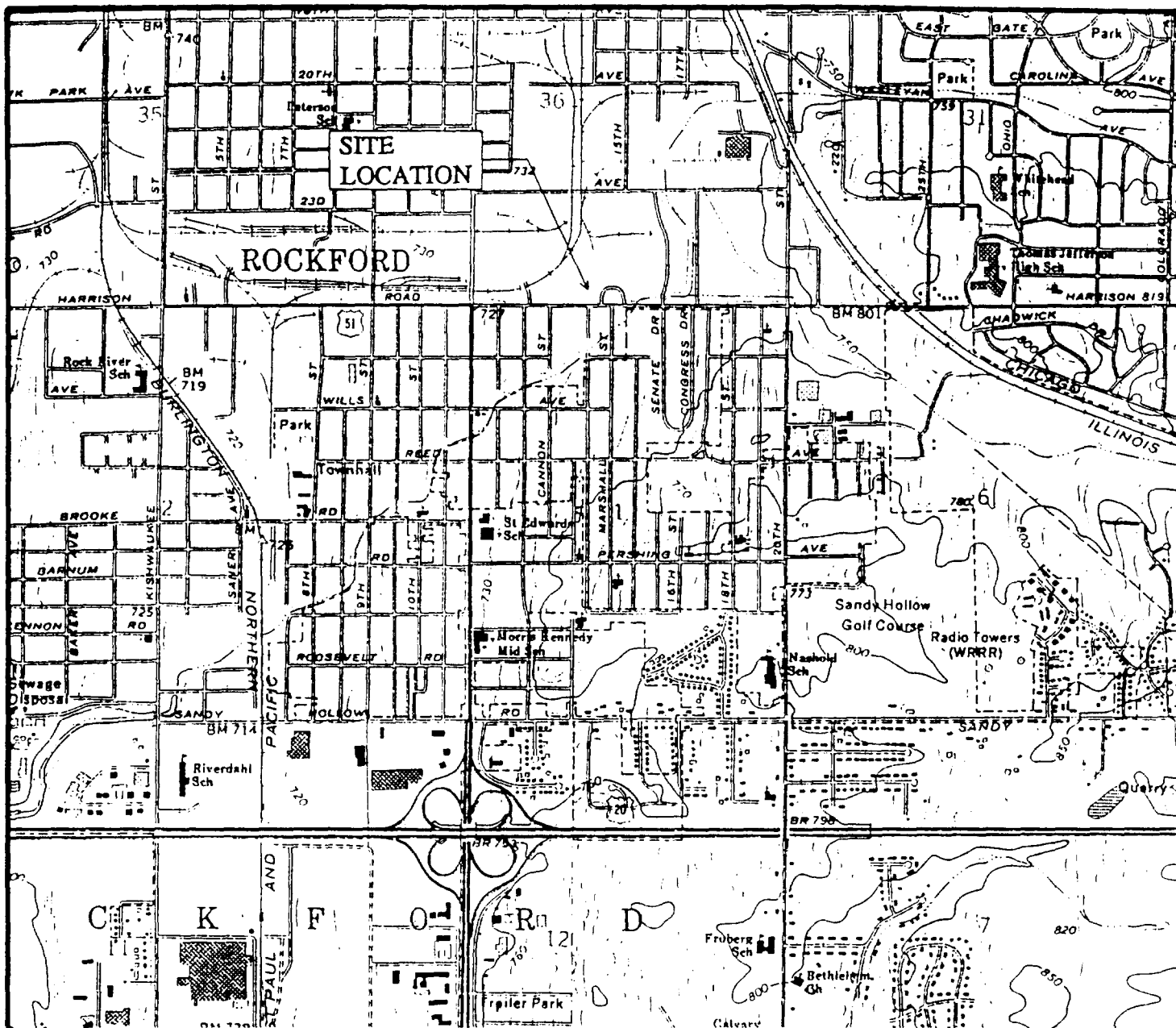
Since the excavation activities will be outdoors, there will not be a need to control odor. Dust is not anticipated to be a problem; however, water spray will be used if dust control becomes a problem.

Landfarm operation will consist of disking and/or rototilling the area twice per week. Equipment will be cleaned of any debris at the end of each use within the landfarm area to insure that contaminated soil does not leave the area. At the end

of each work day, the site will be sealed off using bright orange construction fencing. No smoking/fire hazard signs will be placed around the site.

Sampling of the landfarm soils will occur once PID readings indicate no detection of photoionizable compounds. A minimum of five samples will be obtained from each layer to insure reasonable representation. The depths of these samples will be in the range of six to eight inches. Analyses will include BETX and PNAs. Should results show concentrations below the Agency established clean-up objectives, the soil will be deemed clean and transferred offsite as clean fill. The process will then be repeated for each layer until all soils have been treated.

I:\WPFILES\REPORT\V35229A1.45D



SCALE: 1" = 2000'

EXHIBIT 1 SITE LOCATION MAP WIERMAN OIL COMPANY 2000 HARRISON AVE. ROCKFORD, ILLINOIS

COPIED FROM USGS MAP
 ROCKFORD SOUTH, IL.
 QUADRANGLE, 7.5
 MINUTE. MAP 1971
 PHOTOREVISED 1976

7/17/95

35229



FEHR-GRAHAM & ASSOCIATES

ENGINEERING AND SCIENCE CONSULTANTS

660 W. STEPHENSON ST.
 FREEPORT, IL 61032-5098
 815/235-7643

1920 DAIMLER RD.
 ROCKFORD, IL 61112-1008
 815/394-4700



COMPANY Pyramid Petro Equip Co.
ADDRESS 2422 Center St
PHONE 398-6250 FAX 398-0019
PROJECT NAME/LOCATION Wierman Harrison Ave
PROJECT NUMBER _____
PROJECT MANAGER Jim Kaplan

REPORT TO: F.G./ Todd Weegans
INVOICE TO: Pyramidal
P.O. NO. _____
NET QUOTE NO. _____

SAMPLED BY Jim Kaplans
(PRINT NAME)

SIGNATURE _____

SIGNATURE _____

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes _____ No _____

Is this work being conducted for regulatory enforcement action? Yes _____ No _____

Which regulations apply: RCRA _____ NPDES Wastewater _____
UST _____ Drinking Water _____
Other _____ None _____

COMMENTS

[illegible]

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO

COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO

TEMPERATURE UPON RECEIPT: _____
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA _____
REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS _____

RELINQUISHED BY: *Jim [Signature]*
METHOD OF SHIPMENT

DATE	TIME
4/23/95	15:27

RECEIVED BY:

RELINQUISHED BY:

DATE	TIME
5/23/95	1527

RECEIVED FOR NET BY: *Home*

REMARKS:





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

IEPA Cert. No. 100220
WDNR Cert. No. 999447240

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Rockford Division of NET, Inc. for analysis:

<u>Sample Number</u>	<u>Sample Description</u>	<u>Date Taken</u>	<u>Date Received</u>
154237	4' Below Diesel Pump, Grab Soil	05/23/1995	05/23/1995

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Diane Lohr, Project Manager
Rockford Division





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

ANALYTICAL REPORT

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

Client Project ID: Wierman Harrison Ave.

<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting Date</u>		<u>Analyst</u>	<u>Prep Run</u>		<u>Method Reference</u>
				<u>Limit</u>	<u>Analyzed</u>		<u>Batch</u>	<u>Batch</u>	
				<u>Initials</u>	<u>No.</u>	<u>No.</u>	<u>No.</u>		
SAMPLE NO.	SAMPLE DESCRIPTION								DATE-TIME TAKEN
154237	4' Below Diesel Pump, Grab Soil								05/23/1995 15:10
Solids, Total	96.1		%		05/26/1995	mmg	766	160.3	(3)





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
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ANALYTICAL REPORT

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

Client Project ID: Wierman Harrison Ave.

<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting Date</u>		<u>Analyst</u>	<u>Prep Run</u>		<u>Method Reference</u>
				<u>Limit</u>	<u>Analyzed</u>		<u>Batch</u>	<u>Batch</u>	
						<u>Initials</u>	<u>No.</u>	<u>No.</u>	
SAMPLE NO.	SAMPLE DESCRIPTION					DATE-TIME TAKEN			
154237	4' Below Diesel Pump, Grab Soil					05/23/1995 15:10			
UST VOLATILE COMPOUNDS-8020									
Benzene	<2.0		ug/kg	<2.0	05/30/1995	eab	288	8020 (1)	
1benzene	<2.0		ug/kg	<2.0	05/30/1995	eab	288	8020 (1)	
Toluene	<2.0		ug/kg	<2.0	05/30/1995	eab	288	8020 (1)	
Xylenes (total)	<2.0		ug/kg	<2.0	05/30/1995	eab	288	8020 (1)	
Bromofluorobenzene (Surr)	102		†	NA	05/30/1995	eab	288	8020 (1)	





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<u>Analyte</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting Date</u>	<u>Analyst</u>	<u>Prep</u>	<u>Run</u>	<u>Batch</u>	<u>Batch</u>	<u>Method</u>	<u>Reference</u>
				<u>Limit</u>	<u>Analyzed</u>	<u>Initials</u>	<u>No.</u>	<u>No.</u>			
SAMPLE NO.	SAMPLE DESCRIPTION									DATE-TIME TAKEN	
154237	4' Below Diesel Pump, Grab Soil									05/23/1995 15:10	
PNA (SIM) Non-Aqueous Extrac.	complete			COMPLETE	05/24/1995	ajm		25			





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06/05/1995

NET Job Number: 95.01800

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Analyte	Result	Flag	Units	Reporting Date		Analyst	Prep Run		Batch	Batch	Method Reference
				Limit	Analyzed		Initials	No.			
SAMPLE NO.	SAMPLE DESCRIPTION					DATE-TIME TAKEN					
154237	4' Below Diesel Pump, Grab Soil					05/23/1995 15:10					
PNA's - 8270 (SIM)											
2 Naphthene	<1,200		ug/kg	<1,200	05/25/1995	zlc	25	61	8270	(9)	
Acenaphthylene	<660		ug/kg	<660	05/25/1995	zlc	25	61	8270	(9)	
Anthracene	<660		ug/kg	<660	05/25/1995	zlc	25	61	8270	(9)	
Benzo(a)anthracene	<8.7		ug/kg	<8.7	05/25/1995	zlc	25	61	8270	(9)	
Benzo(b)fluoranthene	<11		ug/kg	<11	05/25/1995	zlc	25	61	8270	(9)	
Benzo(k)fluoranthene	<11		ug/kg	<11	05/25/1995	zlc	25	61	8270	(9)	
Benzo(a)pyrene	<15		ug/kg	<15	05/25/1995	zlc	25	61	8270	(9)	
Benzo(ghi)perylene	<51		ug/kg	<51	05/25/1995	zlc	25	61	8270	(9)	
Chrysene	<100		ug/kg	<100	05/25/1995	zlc	25	61	8270	(9)	
Dibenzo(a,h)anthracene	<20		ug/kg	<20	05/25/1995	zlc	25	61	8270	(9)	
Fluoranthene	<660		ug/kg	<660	05/25/1995	zlc	25	61	8270	(9)	
Fluorene	<140		ug/kg	<140	05/25/1995	zlc	25	61	8270	(9)	
Indeno(1,2,3-cd)pyrene	<29		ug/kg	<29	05/25/1995	zlc	25	61	8270	(9)	
Naphthalene	<660		ug/kg	<660	05/25/1995	zlc	25	61	8270	(9)	
Phenanthrene	<660		ug/kg	<660	05/25/1995	zlc	25	61	8270	(9)	
Pyrene	<180		ug/kg	<180	05/25/1995	zlc	25	61	8270	(9)	
Nitrobenzene-d5 (Surr)	87	%		NA	05/25/1995	zlc	25	61	8270	(9)	
2-Fluorobiphenyl (Surr)	79	%		NA	05/25/1995	zlc	25	61	8270	(9)	
Terphenyl-d14 (Surr)	95	%		NA	05/25/1995	zlc	25	61	8270	(9)	





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METHOD REFERENCES

The abbreviations and references listed below have been adopted by NET as standard conventions and are used throughout this report:

- (1) Method reference from EPA SW-846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods."
- (2) Method reference from ASTM, "American Society for Testing Materials."
- (3) Method reference from EPA "Methods for Chemical Analysis of Waters and Wastes."
- (4) Method reference from "Standard Methods for the Examination of Water and Wastewater."
- (5) Method reference from EPA "Methods for the Determination of Organic Compounds in Drinking Water."
- (6) EPA 40 CFR, Part 763 Appendix A to Subpart F - PLM
- (7) "Orion Guide to Water and Wastewater Analysis." Form WeWWG/5880
- (8) Internal Method
- (9) SIM = Selective Ion Monitoring





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QUALITY CONTROL REPORT CONTINUING CALIBRATION VERIFICATION

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

<u>Analyte</u>	<u>Prep</u> <u>Batch</u> <u>No.</u>	<u>Run</u> <u>Batch</u> <u>No.</u>	<u>CCV</u> <u>True</u> <u>Value</u>	<u>Units</u>	<u>CCV</u> <u>Conc</u> <u>Found</u>	<u>CCV</u> <u>%</u> <u>Rec</u>	<u>Date</u> <u>Flag</u> <u>Analyzed</u>
UST VOLATILE COMPOUNDS-8020							
Benzene		288	50	ug/kg	47	94	05/23/1995
Ethylbenzene		288	50	ug/kg	44	88	05/23/1995
Toluene		288	50	ug/kg	46	92	05/23/1995
Xylenes (total)		288	150	ug/kg	130	87	05/23/1995
Bromofluorobenzene (Surr)		288	50	%	100	200	05/23/1995





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06/05/1995

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UST VOLATILE COMPOUNDS-8020							
Benzene		288	50	ug/kg	53	106	05/23/1995
Ethylbenzene		288	50	ug/kg	51	102	05/23/1995
Toluene		288	50	ug/kg	53	106	05/23/1995
Xylenes (total)		288	150	ug/kg	158	105	05/23/1995
Bromofluorobenzene (Surr)		288	100	%	102	102	05/23/1995





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06/05/1995

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<u>Analyte</u>	<u>Prep Batch No.</u>	<u>Run Batch No.</u>	<u>Blank Value</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Date Analyzed</u>
UST VOLATILE COMPOUNDS-8020							
Benzene		288	<2.0		ug/kg	<2.0	05/23/1995
Ethylbenzene		288	<2.0		ug/kg	<2.0	05/23/1995
Toluene		288	<2.0		ug/kg	<2.0	05/23/1995
Xylenes (total)		288	<2.0		ug/kg	<2.0	05/23/1995
Bromofluorobenzene (Surr)		288	106		%	NA	05/23/1995





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<u>Analyte</u>	<u>Prep Batch No.</u>	<u>Run Batch No.</u>	<u>Blank Value</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Date Analyzed</u>
UST VOLATILE COMPOUNDS-8020							
Benzene		288	<2.0		ug/kg	<2.0	05/24/1995
Ethylbenzene		288	<2.0		ug/kg	<2.0	05/24/1995
Toluene		288	<2.0		ug/kg	<2.0	05/24/1995
Xylenes (total)		288	<2.0		ug/kg	<2.0	05/24/1995
Bromofluorobenzene (Surr)		288	109		%	NA	05/24/1995





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UST VOLATILE COMPOUNDS-8020							
Benzene		288	<2.0		ug/kg	<2.0	05/30/1995
Ethylbenzene		288	<2.0		ug/kg	<2.0	05/30/1995
Toluene		288	<2.0		ug/kg	<2.0	05/30/1995
Xylenes (total)		288	<2.0		ug/kg	<2.0	05/30/1995
Bromofluorobenzene (Surr)		288	103		%	NA	05/30/1995





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Analyte	Prep	Run	Blank	Flag	Units	Reporting	Date
	Batch	Batch				Limit	Analyzed
	No.	No.	Value				
PNA's - 8270 (SIM)							
Acenaphthene	25	58	<1,200		ug/kg	<1,200	05/23/1995
Acenaphthylene	25	58	<660		ug/kg	<660	05/23/1995
Anthracene	25	58	<660		ug/kg	<660	05/23/1995
Benzo(a)anthracene	25	58	<8.7		ug/kg	<8.7	05/23/1995
Benzo(b)fluoranthene	25	58	<11		ug/kg	<11	05/23/1995
Benzo(k)fluoranthene	25	58	<11		ug/kg	<11	05/23/1995
Benzo(a)pyrene	25	58	<15		ug/kg	<15	05/23/1995
Benzo(ghi)perylene	25	58	<51		ug/kg	<51	05/23/1995
Chrysene	25	58	<100		ug/kg	<100	05/23/1995
Dibenzo(a,h)anthracene	25	58	<20		ug/kg	<20	05/23/1995
Fluoranthene	25	58	<660		ug/kg	<660	05/23/1995
Fluorene	25	58	<140		ug/kg	<140	05/23/1995
Indeno(1,2,3-cd)pyrene	25	58	<29		ug/kg	<29	05/23/1995
Naphthalene	25	58	<660		ug/kg	<660	05/23/1995
Phenanthrene	25	58	<660		ug/kg	<660	05/23/1995
Pyrene	25	58	<180		ug/kg	<180	05/23/1995
Nitrobenzene-d5 (Surr)	25	58	88		%	NA	05/23/1995
2-Fluorobiphenyl (Surr)	25	58	81		%	NA	05/23/1995
Terphenyl-d14 (Surr)	25	58	92		%	NA	05/23/1995





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<u>Analyte</u>	<u>Prep</u>	<u>Run</u>	<u>Blank</u>	<u>Flag</u>	<u>Units</u>	<u>Reporting</u>	<u>Date</u>
	<u>Batch</u>	<u>Batch</u>				<u>Limit</u>	<u>Analyzed</u>
	<u>No.</u>	<u>No.</u>	<u>Value</u>				
PNA's - 8270 (SIM)							
Acenaphthene	25	61	<1,200		ug/kg	<1,200	05/25/1995
Acenaphthylene	25	61	<660		ug/kg	<660	05/25/1995
Anthracene	25	61	<660		ug/kg	<660	05/25/1995
Benzo(a)anthracene	25	61	<8.7		ug/kg	<8.7	05/25/1995
Benzo(b)fluoranthene	25	61	<11		ug/kg	<11	05/25/1995
Benzo(k)fluoranthene	25	61	<11		ug/kg	<11	05/25/1995
Benzo(a)pyrene	25	61	<15		ug/kg	<15	05/25/1995
Benzo(ghi)perylene	25	61	<51		ug/kg	<51	05/25/1995
Chrysene	25	61	<100		ug/kg	<100	05/25/1995
Dibenzo(a,h)anthracene	25	61	<20		ug/kg	<20	05/25/1995
Fluoranthene	25	61	<660		ug/kg	<660	05/25/1995
Fluorene	25	61	<140		ug/kg	<140	05/25/1995
Indeno(1,2,3-cd)pyrene	25	61	<29		ug/kg	<29	05/25/1995
Naphthalene	25	61	<660		ug/kg	<660	05/25/1995
Phenanthrene	25	61	<660		ug/kg	<660	05/25/1995
Pyrene	25	61	<180		ug/kg	<180	05/25/1995
Nitrobenzene-d5 (Surr)	25	61	90		%	NA	05/25/1995
2-Fluorobiphenyl (Surr)	25	61	85		%	NA	05/25/1995
Terphenyl-d14 (Surr)	25	61	95		%	NA	05/25/1995





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06/05/1995

NET Job Number: 95.01800

Analyte	Prep	Run	Blank	Flag	Units	Reporting	Date
	Batch	Batch				Limit	Analyzed
	No.	No.	Value				
PNA's - 8270 (SIM)							
Acenaphthene	25	62	<1,200		ug/kg	<1,200	06/02/1995
Acenaphthylene	25	62	<660		ug/kg	<660	06/02/1995
Anthracene	25	62	<660		ug/kg	<660	06/02/1995
Benzo(a)anthracene	25	62	<8.7		ug/kg	<8.7	06/02/1995
Benzo(b)fluoranthene	25	62	<11		ug/kg	<11	06/02/1995
Benzo(k)fluoranthene	25	62	<11		ug/kg	<11	06/02/1995
Benzo(a)pyrene	25	62	<15		ug/kg	<15	06/02/1995
Benzo(ghi)perylene	25	62	<51		ug/kg	<51	06/02/1995
Chrysene	25	62	<100		ug/kg	<100	06/02/1995
Dibenzo(a,h)anthracene	25	62	<20		ug/kg	<20	06/02/1995
Fluoranthene	25	62	<660		ug/kg	<660	06/02/1995
Fluorene	25	62	<140		ug/kg	<140	06/02/1995
Indeno(1,2,3-cd)pyrene	25	62	<29		ug/kg	<29	06/02/1995
Naphthalene	25	62	<660		ug/kg	<660	06/02/1995
Phenanthrene	25	62	<660		ug/kg	<660	06/02/1995
Pyrene	25	62	<180		ug/kg	<180	06/02/1995
Nitrobenzene-d5 (Surr)	25	62	82		%	NA	06/02/1995
2-Fluorobiphenyl (Surr)	25	62	78		%	NA	06/02/1995
Terphenyl-d14 (Surr)	25	62	90		%	NA	06/02/1995





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QUALITY CONTROL REPORT LABORATORY CONTROL STANDARD

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06/05/1995

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<u>Analyte</u>	<u>Prep Batch No.</u>	<u>Run Batch No.</u>	<u>LCS True Conc</u>	<u>Units</u>	<u>LCS Conc Found</u>	<u>LCS % Rec.</u>	<u>Flag</u>	<u>Date Analyzed</u>
UST VOLATILE COMPOUNDS-8020								
Benzene		288	20	ug/kg	20	100		05/23/1995
Ethylbenzene		288	20	ug/kg	19	95		05/23/1995
Toluene		288	20	ug/kg	19	95		05/23/1995
Xylenes (total)		288	60	ug/kg	60	100		05/23/1995
Bromofluorobenzene (Surr)		288	100	%	110	110		05/23/1995





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<u>Analyte</u>	<u>Prep</u> <u>Batch</u> <u>No.</u>	<u>Run</u> <u>Batch</u> <u>No.</u>	<u>LCS</u> <u>True</u> <u>Conc</u>	<u>Units</u>	<u>LCS</u> <u>Conc</u> <u>Found</u>	<u>LCS</u> <u>%</u> <u>Rec.</u>	<u>Flag</u>	<u>Date</u> <u>Analyzed</u>
UST VOLATILE COMPOUNDS-8020								
Benzene		288	20	ug/kg	19	95		05/30/1995
Ethylbenzene		288	20	ug/kg	17	85		05/30/1995
Toluene		288	20	ug/kg	18	90		05/30/1995
Xylenes (total)		288	60	ug/kg	56	93		05/30/1995
Bromofluorobenzene (Surr)		288	100	%	98	98		05/30/1995





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06/05/1995

NET Job Number: 95.01800

Analyte	Prep	Run	LCS	Units	LCS	LCS	Date
	Batch	Batch	True		Conc	%	
	No.	No.	Conc		Found	Rec.	Analyzed
PNA's - 8270 (SIM)							
Acenaphthene	25	58	100	ug/kg	90	90	05/23/1995
Acenaphthylene	25	58	100	ug/kg	87	87	05/23/1995
Anthracene	25	58	100	ug/kg	86	86	05/23/1995
Benzo(a)anthracene	25	58	100	ug/kg	93	93	05/23/1995
Benzo(b)fluoranthene	25	58	100	ug/kg	96	96	05/23/1995
Benzo(k)fluoranthene	25	58	100	ug/kg	88	88	05/23/1995
Benzo(a)pyrene	25	58	100	ug/kg	91	91	05/23/1995
Benzo(ghi)perylene	25	58	100	ug/kg	92	92	05/23/1995
Chrysene	25	58	100	ug/kg	85	85	05/23/1995
Dibenzo(a,h)anthracene	25	58	100	ug/kg	83	83	05/23/1995
Fluoranthene	25	58	100	ug/kg	95	95	05/23/1995
Fluorene	25	58	100	ug/kg	104	104	05/23/1995
Indeno(1,2,3-cd)pyrene	25	58	100	ug/kg	81	81	05/23/1995
Naphthalene	25	58	100	ug/kg	87	87	05/23/1995
Phenanthrene	25	58	100	ug/kg	92	92	05/23/1995
Pyrene	25	58	100	ug/kg	93	93	05/23/1995
Nitrobenzene-d5 (Surr)	25	58	100	%	94	94	05/23/1995
2-Fluorobiphenyl (Surr)	25	58	100	%	92	92	05/23/1995
Terphenyl-d14 (Surr)	25	58	100	%	93	93	05/23/1995





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Rockford Division
3548 35th Street
Rockford, IL 61109
Tel: (815) 874-2171
Fax: (815) 874-5622
(800) 807-2877

QUALITY CONTROL REPORT LABORATORY CONTROL STANDARD

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

Analyte	Prep	Run	LCS	Units	LCS	LCS	Flag	Date
	Batch	Batch	True		Conc	%		
	No.	No.	Conc		Found	Rec.		Analyzed
PNA's - 8270 (SIM)								
Acenaphthene	25	61	100	ug/kg	89	89		05/25/1995
Acenaphthylene	25	61	100	ug/kg	85	85		05/25/1995
Anthracene	25	61	100	ug/kg	95	95		05/25/1995
Benzo(a)anthracene	25	61	100	ug/kg	101	101		05/25/1995
Benzo(b)fluoranthene	25	61	100	ug/kg	106	106		05/25/1995
Benzo(k)fluoranthene	25	61	100	ug/kg	90	90		05/25/1995
Benzo(a)pyrene	25	61	100	ug/kg	92	92		05/25/1995
Benzo(ghi)perylene	25	61	100	ug/kg	101	101		05/25/1995
Chrysene	25	61	100	ug/kg	103	103		05/25/1995
Dibenzo(a,h)anthracene	25	61	100	ug/kg	88	88		05/25/1995
Fluoranthene	25	61	100	ug/kg	100	100		05/25/1995
Fluorene	25	61	100	ug/kg	121	121		05/25/1995
Indeno(1,2,3-cd)pyrene	25	61	100	ug/kg	98	98		05/25/1995
Naphthalene	25	61	100	ug/kg	85	85		05/25/1995
Phenanthrene	25	61	100	ug/kg	101	101		05/25/1995
Pyrene	25	61	100	ug/kg	99	99		05/25/1995
Nitrobenzene-d5 (Surr)	25	61	100	%	92	92		05/25/1995
2-Fluorobiphenyl (Surr)	25	61	100	%	83	83		05/25/1995
Terphenyl-d14 (Surr)	25	61	100	%	97	97		05/25/1995





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Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

Analyte	Prep Batch No.	Run Batch No.	LCS True Conc	Units	LCS Conc Found	LCS % Rec.	Flag	Date Analyzed
PNA's - 8270 (SIM)								
Acenaphthene	25	62	100	ug/kg	77	77		06/02/1995
Acenaphthylene	25	62	100	ug/kg	73	73		06/02/1995
Anthracene	25	62	100	ug/kg	78	78		06/02/1995
Benzo(a)anthracene	25	62	100	ug/kg	91	91		06/02/1995
Benzo(b)fluoranthene	25	62	100	ug/kg	106	106		06/02/1995
Benzo(k)fluoranthene	25	62	100	ug/kg	80	80		06/02/1995
Benzo(a)pyrene	25	62	100	ug/kg	88	88		06/02/1995
Benzo(ghi)perylene	25	62	100	ug/kg	94	94		06/02/1995
Chrysene	25	62	100	ug/kg	93	93		06/02/1995
Dibenzo(a,h)anthracene	25	62	100	ug/kg	101	101		06/02/1995
Fluoranthene	25	62	100	ug/kg	95	95		06/02/1995
Fluorene	25	62	100	ug/kg	82	82		06/02/1995
Indeno(1,2,3-cd)pyrene	25	62	100	ug/kg	95	95		06/02/1995
Naphthalene	25	62	100	ug/kg	71	71		06/02/1995
Phenanthrene	25	62	100	ug/kg	87	87		06/02/1995
Pyrene	25	62	100	ug/kg	94	94		06/02/1995
Nitrobenzene-d5 (Surr)	25	62	100	%	75	75		06/02/1995
2-Fluorobiphenyl (Surr)	25	62	100	%	71	71		06/02/1995
Terphenyl-d14 (Surr)	25	62	100	%	87	87		06/02/1995





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QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

Analyte	Prep Batch No.	Run Batch No.	Conc. Spike Added	Units	Sample Result	Conc. MS Result	MS %	Conc. MSD Result	MSD %	RPD	Flag	Date Analyzed
UST VOLATILE COMPOUNDS-8020												
Benzene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Ethylbenzene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Toluene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Xylenes (total)		288	150	ug/kg	<2.0	150	100	150	100	0		05/30/1995



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QUALITY CONTROL REPORT MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Mr. Todd Weegans
FEHR-GRAHAM & ASSOCIATES
660 W. Stephenson Street
Freeport, IL 61032

06/05/1995

NET Job Number: 95.01800

<u>Analyte</u>	<u>Prep</u>	<u>Run</u>	<u>Conc.</u>	<u>Sample</u>	<u>Conc.</u>	<u>MS</u>	<u>Conc.</u>	<u>MSD</u>	<u>Date</u>			
	<u>Batch</u>	<u>Batch</u>	<u>Spike</u>		<u>MS</u>	<u>%</u>	<u>MSD</u>	<u>%</u>				
	<u>No.</u>	<u>No.</u>	<u>Added</u>	<u>Units</u>	<u>Result</u>	<u>Result</u>	<u>Rec.</u>	<u>Result</u>	<u>Rec.</u>	<u>RPD</u>	<u>Flag</u>	<u>Analyzed</u>
UST VOLATILE COMPOUNDS-8020												
Benzene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Ethylbenzene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Toluene		288	50	ug/kg	<2.0	50	100	50	100	0		05/30/1995
Xylenes (total)		288	150	ug/kg	<2.0	150	100	150	100	0		05/30/1995





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660 W. Stephenson Street
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06/05/1995

NET Job Number: 95.01800

<u>Analyte</u>	<u>Prep</u>	<u>Run</u>	<u>Conc.</u>	<u>Sample</u>	<u>Conc.</u>	<u>MS</u>	<u>Conc.</u>	<u>MSD</u>	<u>Date</u>			
	<u>Batch</u>	<u>Batch</u>	<u>Spike</u>		<u>MS</u>	<u>%</u>	<u>MSD</u>	<u>%</u>				
	<u>No.</u>	<u>No.</u>	<u>Added</u>	<u>Units</u>	<u>Result</u>	<u>Result</u>	<u>Rec.</u>	<u>Result</u>	<u>Rec.</u>	<u>RPD</u>	<u>Flag</u>	<u>Analyzed</u>
UST VOLATILE COMPOUNDS-8020												
Benzene		288	50	ug/kg	<2.0	48	96	46	92	4.3		05/30/1995
Ethylbenzene		288	50	ug/kg	<2.0	49	98	45	90	8.5		05/30/1995
Toluene		288	50	ug/kg	<2.0	51	102	47	94	8.1		05/30/1995
Xylenes (total)		288	150	ug/kg	<2.0	155	103	134	89	14		05/30/1995





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06/05/1995

NET Job Number: 95.01800

	Prep	Run	Conc.			Conc.	MS	Conc.	MSD			
	Batch	Batch	Spike		Sample	MS	%	MSD	%			Date
Analyte	No.	No.	Added	Units	Result	Result	Rec.	Result	Rec.	RPD	Flag	Analyzed
PNA's - 8270 (SIM)												
Acenaphthene	25	58	100	ug/kg	<1,200	84	84	89	89	5.8		05/23/1995
Acenaphthylene	25	58	100	ug/kg	<660	80	80	87	87	8.4		05/23/1995
Anthracene	25	58	100	ug/kg	<660	87	87	91	91	4.5		05/23/1995
Benzo(a)anthracene	25	58	100	ug/kg	33	137	104	129	96	7.9		05/23/1995
Benzo(b)fluoranthene	25	58	100	ug/kg	33	139	106	117	84	23		05/23/1995
Benzo(k)fluoranthene	25	58	100	ug/kg	26	127	101	133	107	5.8		05/23/1995
Benzo(a)pyrene	25	58	100	ug/kg	24	132	108	114	90	18		05/23/1995
Benzo(ghi)perylene	25	58	100	ug/kg	<51	101	101	96	96	5		05/23/1995
Chrysene	25	58	100	ug/kg	<100	105	105	92	92	13		05/23/1995
Dibenzo(a,h)anthracene	25	58	100	ug/kg	<20	85	85	85	85	0		05/23/1995
Fluoranthene	25	58	100	ug/kg	<660	128	128	100	100	25		05/23/1995
Fluorene	25	58	100	ug/kg	<140	96	96	98	98	2.1		05/23/1995
Indeno(1,2,3-cd)pyrene	25	58	100	ug/kg	<29	98	98	92	92	6.3		05/23/1995
Naphthalene	25	58	100	ug/kg	<660	74	74	79	79	6.5		05/23/1995
Phenanthrene	25	58	100	ug/kg	<660	117	117	95	95	21		05/23/1995
Pyrene	25	58	100	ug/kg	<180	120	120	98	98	20	MSDOU	05/23/1995

MSDOU: MS recovery in control. MSD recovery out of control.



1857801

Wierman Oil Co.
2000 Harrison Ave.
Rockford, IL 61104

Document No. _____ filed for Record in Recorder's Office of Winnebago County,
Illinois, October 30, 1989 at 9:59 o'clock AM
WARRANTY DEED JOINT TENANCY Eugene L. Wierman Recorder of Deeds

THIS INDENTURE WITNESSETH, That The Grantor

AMELIA R. SHIPPEE, a widow,

WHOSE ADDRESS IS:

4710 Arlington Street, Loves Park, IL 61111

for and in consideration of the sum of One Dollar and other good and valuable considerations in hand paid, CONVEY and WARRANT to

JOHN L. WIERMAN and VIVIAN M. WIERMAN, Husband and Wife,

WHOSE ADDRESS IS:

7525 Moss Canyon Road, Cherry Valley, IL 61016

NOT AS TENANTS IN COMMON, BUT AS JOINT TENANTS,

THE PROPERTY COMMONLY KNOWN AS:

2000 Harrison Avenue, Rockford, IL

AND LEGALLY DESCRIBED AS:

See Legal Description on Reverse

SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD AND GENERAL REAL
ESTATE TAXES FOR THE YEAR 1989 AND SUBSEQUENT YEARS.

Cont.

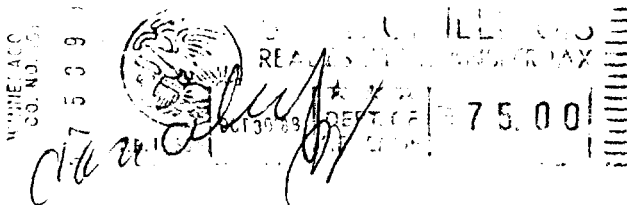
SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD AND GENERAL REAL ESTATE TAXES FOR THE YEAR 1989 AND SUBSEQUENT YEARS.

(continue legal description on reverse)

situated in Winnebago County, Illinois, hereby releasing and waiving all rights under and by virtue of the Homestead Exemption Laws of the State of Illinois.

Dated this 15th day of September 1989.

Amelia R. Shippee
Amelia R. Shippee



STATE OF ILLINOIS
WINNEBAGO COUNTY

ss

I, the undersigned, a Notary Public, in and for said County and State aforesaid, DO HEREBY CERTIFY THAT

AMELIA R. SHIPPEE, a widow,

who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, as having executed the same, appeared before me this day in person and acknowledged that she signed, sealed and delivered the said instrument as her free and voluntary act for the purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Notarial Seal this 15th day of September 1989.

PROPERTY CODE: 216D-050

Future Taxes to:

John L. and Vivian M. Wierman

Mary J. Wolf
OFFICIAL SEAL
Mary J. Wolf
Notary Public
Return to: John L. and Vivian M. Wierman
Notary Public, State of Illinois
My Commission Expires 5/3/91
7525 Moss Canyon Road
Cherry Valley, IL 61016

7525 Moss Canyon Road
Cherry Valley, IL 61016

This Instrument Prepared By: Atty. Armour T. Beckstrand, P. O. Box 4245
Rockford, Illinois 611

EUGENE R. QUINN
RECORDER OF DEEDS

89 31 0195

cont.

Beginning at the intersection of the north line of Harrison Avenue with the East line of 15th Street as designated upon the Plat of Mason's Subdivision of the East Half of the Southwest Quarter and part of the West Half of the Southeast Quarter of Section 36, Township 44 North, Range 1 East of the Third Principal Meridian, (now vacated) as recorded in the Recorder's Office in Book 5 of Plats, page 51 thence North along the said east line of 15th Street, 493 feet more or less to the South line of Grand Avenue, as shown upon the said plat produced East, thence West along said south line of Grand Avenue, 157.76 feet more or less to the Northeast corner of property conveyed to the Illinois Central Railroad Company by Deed recorded in Book 347 of Deeds, page 174, thence south along the East line of said property 295.02 feet to the corner of the brick factory building; thence Southerly 198.23 feet more or less to a point in the North line of said Harrison Avenue, which point is 154.54 feet West of the point of beginning, thence East 154.54 feet to the point of beginning EXCEPTING the North 293 feet thereof; situated in the County of Winnebago and the State of Illinois.